Author index to Volume 37, 2000

Key: (RA) = Review Article; (OA) = Original Article; (SR) = Short Report; (CR) = Case Report; (PV) = Personal View; (L) = Letter

Akanaji AO
Apo(a) isoforms do not predict risk for coronary heart disease in a Gulf Arab population, **360** (OA)
Al-Jubouri MA
Diagnostic dilemmas in Cushing's syndrome, **553** (L)
Albertin G *see* Rossi GP
Alexandridis G *see* Liamis G
Allen KR *see* Degg TJ
Almeida SCP *see* Rebelo MJF
Anderson, J *see* Jois J
Anderson NR *see* Gama R
Anzetse J *see* Blincko S
Astley P *see* Beaman J

Baadenhuijsen H, Scholten R, Willems HL, Weykamp CW, Jansen RTP
A model for harmonization of routine clinical chemistry results between clinical laboratories, **330** (OA)
Badcock NR
Detection of poisoning by substances other than drugs: a neglected art, **146** (RA)
Bairaktari E Th *see* Liamis G
Bakhai A *see* Shamim W
Ballantyne FC, Capell HA
A patient with juvenile chronic arthritis and Henoch–Schönlein purpura, **224** (CR)
Barth JH *see also* Degg TJ; Marshall SM; Thomas A
Barth JH, Jones RG, Payne RB
Calculation of renal tubular reabsorption of phosphate: the algorithm perfoms better than the nomogram, **79** (SR)
Bartlett WA, Jones AF, Hall RA, Legg EF
Standardization of HbA_{1c} measurements: a consensus statement, **549** (L)
Beaman J, Jones S, Astley P
Automated neonatal blood spot assay using positive sample identification: evaluation and experience in routine use, **792** (SR)
Beck O, Kraft M, Moeller MR, Smith BL, Schneider S, Wennig R
Frontline® immunochromatographic device for on-site urine testing of amphetamines: laboratory validation using authentic specimens, **199** (OA)
Beetham R
Biochemical investigation of suspected rhabdomyolysis, **581** (PV)
Detection of Bence-Jones protein in practice, **563** (PV)
Beilby JP *see* Bhagat CI
Bell E, O'Reilly D StJ
Thyroid function tests in acutely ill patients, **735** (L)
Berry D, Tomson T, Johannessen SI
New antiepileptic drugs, **551** (L)
Bhagat CI, Lewer M, Prins A, Beilby JP
Effects of heating plasma at 56°C for 30 min and at 60°C for 60 min on routine biochemistry analytes, **802** (SR)
Biondi C *see* Cotorruelo C
Blanckaert N *see* Bossuyt X
Blincko S, Anzetse J, Edwards R
Measurement of glycated haemoglobin in whole blood by a novel fluorescence quenching assay, **492** (OA)
Blincko S, Colbert D, John WG, Edwards R
A reliable non-separation fluorescence quenching assay for total glycated serum protein: a simple alternative to nitroblue tetrazolium reduction, **372** (OA)
Bone JM *see* Roberts NS
Borrás SG *see* Cotorruelo C
Bossuyt X, Meurs L, Mewis A, Mariën G, Blanckaert N
Screening for autoantibodies to SS-A/Ro by indirect immunofluorescence using HEp-2000™ cells, **216** (OA)
Bowron A, Moorghen M, Morgan JE, Osborne JR, Stansbie D, Stone JE
Cost-effective strategy for the serological investigation of coeliac disease, **467** (OA)
Braithwaite RA *see* Delves HT; George S
Breen K *see* Moutsatsou P
Briddon A *see* Patel N
Brock G *see* Cope G
Brooks GA *see* Horning MA
Broughton A, Marenah C, Lawson N
Bilirubin interference with a salicylate assay performed on an Olympus analyser, **408** (SR)
Bundred N *see* Hayden K
Burden TJ *see* Reffitt DM
Burnett D
Accreditation and point-of-care testing, **241** (C)
Burton I *see* Keevil B
Byrne G *see* Hayden K

Capell HA *see* Ballantyne FC
Cartledge S, Lawson N
Aldosterone and renin measurements, **262** (RA)
Casazza GA *see* Horning MA
Challand GS
Lies, damned lies and algorithms, **741** (PV) *see also* Marshall WJ
Chan JCN *see* Ko GTC
Chan MHM, Shing MMK, Poon TCW, Johnson PJ, Lam CWK
α-fetoprotein variants in a case of pancreatoblastoma, **681** (OA)

Author index to Volume 37, 2000

Key: (RA) = Review Article; (OA) = Original Article; (SR) = Short Report; (CR) = Case Report; (PV) = Personal View; (L) = Letter

Akanaji AO
Apo(a) isoforms do not predict risk for coronary heart disease in a Gulf Arab population, **360** (OA)
Al-Jubouri MA
Diagnostic dilemmas in Cushing's syndrome, **553** (L)
Albertin G *see* Rossi GP
Alexandridis G *see* Liamis G
Allen KR *see* Degg TJ
Almeida SCP *see* Rebelo MJF
Anderson, J *see* Jois J
Anderson NR *see* Gama R
Anzetse J *see* Blincko S
Astley P *see* Beaman J

Baadenhuijsen H, Scholten R, Willems HL, Weykamp CW, Jansen RTP
A model for harmonization of routine clinical chemistry results between clinical laboratories, **330** (OA)
Badcock NR
Detection of poisoning by substances other than drugs: a neglected art, **146** (RA)
Bairaktari E Th *see* Liamis G
Bakhai A *see* Shamim W
Ballantyne FC, Capell HA
A patient with juvenile chronic arthritis and Henoch–Schönlein purpura, **224** (CR)
Barth JH *see also* Degg TJ; Marshall SM; Thomas A
Barth JH, Jones RG, Payne RB
Calculation of renal tubular reabsorption of phosphate: the algorithm perfoms better than the nomogram, **79** (SR)
Bartlett WA, Jones AF, Hall RA, Legg EF
Standardization of HbA_{1c} measurements: a consensus statement, **549** (L)
Beaman J, Jones S, Astley P
Automated neonatal blood spot assay using positive sample identification: evaluation and experience in routine use, **792** (SR)
Beck O, Kraft M, Moeller MR, Smith BL, Schneider S, Wennig R
Frontline® immunochromatographic device for on-site urine testing of amphetamines: laboratory validation using authentic specimens, **199** (OA)
Beetham R
Biochemical investigation of suspected rhabdomyolysis, **581** (PV)
Detection of Bence-Jones protein in practice, **563** (PV)
Beilby JP *see* Bhagat CI
Bell E, O'Reilly D StJ
Thyroid function tests in acutely ill patients, **735** (L)
Berry D, Tomson T, Johannessen SI
New antiepileptic drugs, **551** (L)
Bhagat CI, Lewer M, Prins A, Beilby JP
Effects of heating plasma at 56°C for 30 min and at 60°C for 60 min on routine biochemistry analytes, **802** (SR)
Biondi C *see* Cotorruelo C
Blanckaert N *see* Bossuyt X
Blincko S, Anzetse J, Edwards R
Measurement of glycated haemoglobin in whole blood by a novel fluorescence quenching assay, **492** (OA)
Blincko S, Colbert D, John WG, Edwards R
A reliable non-separation fluorescence quenching assay for total glycated serum protein: a simple alternative to nitroblue tetrazolium reduction, **372** (OA)
Bone JM *see* Roberts NS
Borrás SG *see* Cotorruelo C
Bossuyt X, Meurs L, Mewis A, Mariën G, Blanckaert N
Screening for autoantibodies to SS-A/Ro by indirect immunofluorescence using HEp-2000™ cells, **216** (OA)
Bowron A, Moorghen M, Morgan JE, Osborne JR, Stansbie D, Stone JE
Cost-effective strategy for the serological investigation of coeliac disease, **467** (OA)
Braithwaite RA *see* Delves HT; George S
Breen K *see* Moutsatsou P
Briddon A *see* Patel N
Brock G *see* Cope G
Brooks GA *see* Horning MA
Broughton A, Marenah C, Lawson N
Bilirubin interference with a salicylate assay performed on an Olympus analyser, **408** (SR)
Bundred N *see* Hayden K
Burden TJ *see* Reffitt DM
Burnett D
Accreditation and point-of-care testing, **241** (C)
Burton I *see* Keevil B
Byrne G *see* Hayden K

Capell HA *see* Ballantyne FC
Cartledge S, Lawson N
Aldosterone and renin measurements, **262** (RA)
Casazza GA *see* Horning MA
Challand GS
Lies, damned lies and algorithms, **741** (PV) *see also* Marshall WJ
Chan JCN *see* Ko GTC
Chan MHM, Shing MMK, Poon TCW, Johnson PJ, Lam CWK
α-fetoprotein variants in a case of pancreatoblastoma, **681** (OA)

Chapple I *see* Cope G
Chen YN, Luo ZR, Zeng LJ, Wu MY, Wu YZ, Lin ZY
Cardiac troponin I: a marker for post-burn cardiac injury, **447** (OA)
Chun S *see* Yang S-E
Coakley JC *see* Wood FL
Coats AJS *see* Shamim W
Cockram CS *see* Ko GTC
Colberg SR *see* Horning MA
Colbert D *see* Blincko S
Collinson PO
Cardiac marker testing, author's reply, **733** (L)
Cardiac markers into the new millennium, **109** (C)
Cope G, Nayyar P, Holder R, Brock G, Chapple I
Near-patient test for nicotine and its metabolites in saliva to assess smoking habit, **666** (OA)
Cope G, Nayyar P, Wilkinson L, Holder R
Simple colorimetric test to quantify exposure to environmental tobacco smoke: occupational health study, **795** (SR)
Cordero R *see* Paterson S
Cotorruelo C, Biondi C, Borrás SG, Galizzi S, Di Mónaco R, Racca A
Molecular determination of RhD phenotype by DNA typing: clinical applications, **781** (OA)
Csako G *see* Sampson ML
Cuckle H *see* Moutsatsou P

Davies JS, Ogunko A, Smith J, Russell D, John R, Scanlon MF
Diagnostic dilemmas in Cushing's syndrome, **85** (CR)
Davies JS, Scanlon MF
Diagnostic dilemmas in Cushing's syndrome, authors' reply, **554** (L)
Davies T *see* Iqbal SJ
Day AP *see* Lamb EJ
Dayan CM *see* Walsh JP
de Jong MCJW *see* Swinkels DW
de Wolff FA *see* Flanagan RJ
Degg TJ, Allen KR, Barth JH
Measurement of plasma 5-hydroxyindoleacetic acid in carcinoid disease: an alternative to 24-h urine collections?, **724** (SR)
Delves HT, Braithwaite RA, Halls DJ, House I, Newton K, Peters TJ, Raja K, Sheehan T, Taylor A, White M, Widdop B
Trace elements and inflammation, **811** (L)
Devaraji S, Hirany S, Jialal I
Ratio of remnant-like particle cholesterol to serum total triglycerides is a reliable screening test for type III dyslipidaemia, **790** (SR)
Di Mónaco R *see* Cotorruelo C
Domingo P *see* Rodríguez-Espinosa J
Donkervoort S *see* Jakobs BS
Donnelly JG, Isotalo PA
Non-fasting reference intervals for the Abbott IMx™ homocysteine and AxSYM™ plasma folate assays: influence of the methylenetetrahydrofolate reductase 677 C→T mutation on homocysteine, **390** (OA)
Occurrence of hyperhomocysteinaemia in cardiovascular, haematology and nephrology patients: contribution of folate deficiency, **304** (OA)
Donnelly JG, Pronovost C
Evaluation of the Abbott IMx™ fluorescence polarization immunassay and the Bio-Rad enzyme immunoassay for homocysteine: comparison with high-performance liquid chromatography, **194** (OA)
Drieze C *see* Gerritsma J
Duncan, A
Screening for surreptitious laxative abuse, **1** (PV)
Dunstan FDJ *see* Williams KL

Earl JW *see* Wood FL
Eastell R *see* Lee AJ
Edees S *see* Gallagher AC
Edwards R *see* Blincko S
Elisaf MS *see* Liamis G
Elsegood CL *see* Pal S
Ermens AAM *see* Vlasveld L Th
Evans LW *see* Groome NP
Eve MD *see* Love ER

Ferns GAA
see also Warwick GL
Ferns GAA, Forster LA, Williams JC, Tull SP, Verma PK, Starkey B, Gershlick AH
Effect of vitamin E supplementation on circulating cell adhesion molecules pre- and post-coronary angioplasty, **649** (OA)
Finney H, Newman DJ, Price CP
Adult reference ranges for serum-cystatin C, creatinine and predicted creatinine clearance, **49** (OA)
Flanagan RJ, de Wolff FA, Mills IM
Principles, practice and paracetamol: when units matter, **16** (PV)
Forster LA *see* Ferns GAA
Furlonger N *see* Griffin BA

Galea P *see* Galloway PJ
Galizzi S *see* Cotorruelo C
Gallagher AC, Edees S, Robinson PA, Osypiw JC
Evaluation of the Boehringer Advantage and the Bayer Glucometer Encore QA + blood glucose meters in a neonatal unit, **797** (SR)
Galloway P
see also Sattar N
Galloway P, McMillan DC, Sattar N
Effect of the inflammatory response on trace element and vitamin status, **289** (RA)
Galloway PJ, MacPhee GB, Galea P, Robinson PH
Severe hyperammonaemia in a previously healthy teenager, **727** (CR)
Gama R, Anderson NR, Marks V
'Glucose meter hypoglycaemia': often a non-disease, **731** (CR)
Gama R, Medina-Layachi N, Ranganath L, Hampton S, Morgan L, Marks V
Hyperproinsulinaemia in elderly subjects: evidence for age-related pancreatic β-cell dysfunction, **367** (OA)
George S, Gill L, Braithwaite RA
Simple high-performance liquid chromatographic method to monitor vigabatrin, and preliminary

review of concentrations determined in epileptic patients, **338** (OA)
George S, Parmar S, Meadway C, Braithwaite RA
Application and validation of a urinary methadone metabolite (EDDP) immunoassay to monitor methadone compliance, **350** (OA)
Gerritsma J, Sinnige D, Drieze C, Sittrop B, Houtsma P, Hulshorst-Jansen N, Huisman W
Quantitative and qualitative analysis of haemoglobin variants using capillary zone electrophoresis, **380** (OA)
Gershlick AH *see* Ferns GAA
Gill A *see* Pearson JE
Gill L *see* George S
Gray TA
Clinical governance, **9** (PV)
Green A *see* Hall SK
Griffin BA, Furlonger N, Iversen A
Plasma apolipoprotein(b) to LDL cholesterol ratio as a marker of small, dense LDL, **537** (SR)
Griffin D *see* McConway MG
Groome NP, Evans LW
Does measurement of inhibin have a clinical role?, **419** (RA)

Hada T *see* Yamakita J
Hall RA *see* Bartlett WA
Hall SK, Robinson P, Green A
Could salivary phenylalanine concentrations replace blood concentrations?, **222** (SR)
Halls DJ *see* Delves HT
Hampton S *see* Gama R
Harris BM, Nageh T, Marsden JT, Thomas MR, Sherwood RA
Comparison of cardiac troponin T and I and CK-MB for the detection of minor myocardial damage during interventional cardiac procedures, **764** (OA)
Hayashi S *see* Kimura S
Hayden K, Tetlow L, Byrne G, Bundred N
Radioimmunoassay for the measurement of thrombospondin in plasma and breast cyst fluid: validation and clinical application, **319** (OA)
Hendriks JCM *see* Swinkels DW
Hirany S *see* Devaraj S
Hodges S *see* Lee AJ
Hofs MTW *see* Jakobs BS
Hokari S *see* Nakajiima T
Holder R *see* Cope G
Holland S *see* Iqbal SJ
Honour JW *see* Shamim W
Horning MA, Colberg SR, Casazza GA, Brooks GA
Recycling of deuterium from dideuterated glucose during moderate exercise, **540** (SR)
Houldsworth P *see* Paterson S
Houlihan C *see* Jenkins MA
House I *see* Delves HT
Houtsma P *see* Gerritsma J
Hudson PR
Glycation rates in type 1 diabetes mellitus – author's reply, **94** (L)
Huisman W *see* Gerritsma J
Hulshorst-Jansen N *see* Gerritsma J

Imai K *see* Todoroki T
Imai T *see* Itoh S
Inano K, Tezuka S, Miida T, Okada M
Capillary isotachophoretic analysis of serum lipoproteins using a carrier ampholyte as spacer ion, **708** (OA)
Inoue I *see* Nakajiima T
Iqbal SJ, Davies T, Holland S, Manning T, Whittaker P
Alkaline phosphatase isoenzymes and clinical features in hypophosphatasia, **775** (OA)
Isobe K *see* Itoh S
Isotalo PA *see* Donnelly JG
Itoh S, Kusaka T, Imai T, Isobe K, Onishi S
Effects of bilirubin and its photoisomers on direct bilirubin measurement using bilirubin oxidase, **452** (OA)
Iversen A *see* Griffin BA
Iyama S *see* Kimura S

Jakobs BS, Volmer M, Swinkels DW, Hofs MTW, Donkervoort S, Joosting MMJ, Wolthers BG, Peinder P de, Voorbij HAM
New method for faecal fat determination by mid-infrared spectroscopy, using a transmission cell: an improvement in standardization, **343** (OA)
Jansen RTP *see* Baadenhuijsen H
Jenkins MA, Houlihan C, Ratnaike S, Jerums G, Parkin JD
Measurement of iohexol by capillary electrophoresis: minimizing practical problems encountered, **529** (OA)
Jerums G *see* Jenkins MA
Jialal I *see* Devaraj S
Johannessen SI *see* Berry D
John G *see* Thomas A
John R *see* Davies JS
John WG *see* Blincko S
Johnson D *see* McConway MG
Johnson PJ *see* Chan MHM
Johnston JD, Jupp RA
A case of factitious hypercalcaemia – author's reply, **93** (L)
Johnston SD, Smye M, Watson RGP, McMillan SA, Trimble ER, Love AHG
Lactulose–mannitol intestinal permeability test: a useful screening test for adult coeliac disease, **512** (OA)
Jois J, Omagari K, Rowley MJ, Anderson J, Mackay IR
Enzyme inhibitory antibody to pyruvate dehydrogenase: diagnostic utility in primary biliary cirrhosis, **67** (OA)
Jones AF *see* Bartlett WA
Jones RG *see* Barth JH
Jones S *see* Beaman J
Joosting MMJ *see* Jakobs BS
Jupp RA *see* Johnston JD
Justin T *see* Lord RCC

Karabina S-A *see* Theodoraki TG
Katayama S *see* Nakajiima T
Kato S *see* Nishimura N
Kawai S-I *see* Nakajiima T

Keevil B, Rowlands D, Burton I, Webb AK
Assessment of iron status in cystic fibrosis patients, **662** (OA)
Kelly A *see* McConway MG
Kennedy DM, Selby C, Lawson N
Measurement of urinary free cortisol using the ACS:180 serum cortisol chemiluminescent immunoassay, **520** (OA)
Kim JQ *see* Yang S-E
Kimura S, Iyama S, Yamaguchi Y, Hayashi S, Yanagihara T
Enzymatic assay for magnesium in serum, **82** (SR)
Ko GTC, Chan JCN, Tsang LLW, Cockram CS
Hyperfibrinogenaemia did not improve after treating hyperglycaemia in Chinese type 2 diabetic patients, **655** (OA)
Kojiima K *see* Nishimura N
Komoda T *see* Nakajiima T
Koyamada K *see* Orisaka M
Kraft M *see* Beck O
Kuchhal NK, Thakur M, Pundir CS
Quantification of urinary oxalate with a chloride- and nitrate-insensitive oxalate oxidase, **74** (SR)
Kusaka T *see* Itoh S

Labib M *see* Vallance D
Lam CWK *see* Chan MHM
Lamb EJ
see also Love ER
Lamb EJ, Day AP
New diagnostic criteria for diabetes mellitus: are we any further forward?, **588** (PV)
Lamb EJ, Martin J
Thyroid function tests: often justified in the acutely ill, **158** (OA)
Thyroid function tests in acutely ill patients, authors' reply, **735** (L)
Lawson N *see* Broughton A; Cartledge S; Kennedy DM
Lee AJ, Hodges S, Eastell R
Measurement of osteocalcin, **432** (RA)
Legg ER *see* Bartlett WA
Lewer M *see* Bhagat CI
Liakou K *see* Moutsatsou P
Liamis G, Alexandridis G, Bairaktari E Th, Elisaf MS
Aminoglycoside-induced metabolic abnormalities, **543** (CR)
Lin ZY *see* Chen YN
Lock RJ, Unsworth DJ
Measurement of immune complexes is not useful in routine clinical practice, **253** (RA)
Lord RCC
Cider potomania, **729** (CR)
Lord RCC, Justin T
Traumatic chylous ascites, **90** (CR)
Love ER, Eve MD, Rose R, Lamb EJ
NHS laboratories can provide a service to the pharmaceutical industry: a personal view, **751** (PV)
Love AHG *see* Johnston SD
Luo ZR *see* Chen YN

Mackay IR *see* Jois J
MacPhee GB *see* Galloway PJ
Mainwaring-Burton RW
A case of factitious hypercalcaemia, **92** (L)
Makino H *see* Shishino K
Mamo JCL *see* Pal S
Manning T *see* Iqbal SJ
Marenah C *see* Broughton A
Mariën G *see* Bossuyt X
Marks V *see* Gama R
Marsden JT *see* Harris BM
Marshall SM
see also Thomas A
Marshall SM, Barth JH
Standardization of HbA_{1c} measurements: a consensus statement, **45** (PV)
Marshall WJ, Challand GS
Provision of interpretative comments on biochemical report forms, **758** (PV)
Martin J *see* Lamb EJ
Matsumoto K *see* Todoroki T
Matsunaga T *see* Nakajiima T
McConway MG, Johnson D, Kelly A, Griffin D, Smith J, Wallace AM
Differences in circulating concentrations of total, free and bound leptin relate to gender and body composition in adult humans, **717** (OA)
McCulloch S *see* Paterson S
McMillan D *see* Sattar N
McMillan DC *see* Galloway P
McMillan SA *see* Johnston SD
Meadway C *see* George S
Medina-Layachi N *see* Gama R
Meurs L *see* Bossuyt X
Mewis A *see* Bossuyt X
Middle J *see* Thomas A
Miida T *see* Inano K
Mills IM *see* Flanagan RJ
Min W-K *see* Yang S-E
Moeller MR *see* Beck O
Møller J *see* Rasmussen K
Montesinos J *see* Rodríguez-Espinosa J
Moorghen M *see* Bowron A
Morgan JE *see* Bowron A
Morgan L *see* Gama R
Moriwaki Y *see* Yamakita J
Moutsatsou P, Liakou K, Breen K, Cuckle H
Serum expression of sialytransferase in normal and Down's syndrome-affected pregnancy, **507** (OA)
Mulder C, Scheltens P, Visser JJ, van Kamp GJ, Schutgens RBH
Genetic and biochemical markers for Alzheimer's disease: recent developments, **593** (RA)
Murase M *see* Shishino K

Nagata A *see* Nakajiima T
Nageh T *see* Harris BM
Nah J *see* Yang S-E
Nakajiima T, Origuchi N, Matsunaga T, Kawai S-I, Hokari S, Nakamura H, Inoue I, Katayama S, Nagata A, Komoda T
Localization of oxidized HDL in atheromatous plaques and oxidized HDL binding sites on human aortic endothelial cells, **179** (OA)
Nakamura H *see* Nakajiima T
Nakayama T *see* Nishimura N

Nath C *see* Wood FL
Nauta J *see* Swinkels DW
Nayyar P *see* Cope G
Newman DJ *see* Finney Hazel
Newton K *see* Delves HT
Nishimura N, Nakayama T, Tonoike H, Kojima K, Kato S
Direct polymerase chain reaction from whole blood without DNA isolation, **674** (OA)
Nix BAJ *see* Williams KL

Ogunko A *see* Davies JS
Ohkubo T *see* Shimoyama R
Okada M *see* Inano K
Okuyama T *see* Todoroki T
Omagari K *see* Jois J
Onishi S *see* Itoh S
O'Reilly D StJ *see* Bell E
Origuchi N *see* Nakajiima T
Orisaka M, Koyamada K, Saika Y, Sakurabayashi I
Reference values of plasma lipoprotein(a) in newly classified apolipoprotein(a) phenotype groups in the Japanese population, **701** (OA)
Osborne JR *see* Bowron A
Osypiw JC *see* Gallagher AC

Paiker JE, Raal FJ, von Arb M
Auto-antibodies against oxidized LDL as a marker of coronary artery disease in patients with familial hypercholesterolaemia, **174** (OA)
Pal S, Elsegood CL, Proctor SD, Mamo JCL
Detection of LDL receptor by ligand blotting with chylomicron remnants labelled with colloidal gold, **471** (OA)
Papageorgakis NH *see* Theodoraki TG
Park H *see* Yang S-E
Parkin JD *see* Jenkins MA
Parmar S *see* George S
Patel N, Briddon A
Moderately low vitamin B_{12} does not compromise transmethylation in adults on a free diet: implications for assessment of vitamin B_{12} status, **686** (OA)
Paterson S, Cordero R, McCulloch S, Houldsworth P
Analysis of urine for drugs of abuse using mixed-mode solid-phase extraction and gas chromatography–mass spectrometry, **690** (OA)
Pauwels P *see* Vlasveld L Th
Payne RB
Creatinine clearance and glomerular filtration rate, **98** (C)
Urinary catecholamine excretion in relation to renal function, **228** (L) *see also* Barth JH
Pearson JE, Gill A, Vadgama P
Analytical aspects of biosensors, **119** (RA)
Peinder P de *see* Jakobs BS
Penney MD *see* Southgate HJ
Pessina AC *see* Rossi GP
Peters TJ *see* Delves HT
Piscator, 106, 240, 417, 561, 740, 821
Poon TCW *see* Chan MHM
Powell JJ *see* Reffitt DM
Price CP *see* Finney H
Prins A *see* Bhagat CI
Proctor SD *see* Pal S
Pronovost C *see* Donnelly JG
Pundir CS *see* Kuchhal NK

Quirante CG *see* Webster HL

Raal FJ *see* Paiker JE
Racca A *see* Cotorruelo C
Raja K *see* Delves HT
Rakitzis ET
Thermodynamic considerations of arteriovenous gradients of hydrogen ion concentration and carbon dioxide tension, **114** (PV)
Rallidis LS *see* Theodoraki TG
Ranganath L *see* Gama R
Rasmussen K, Møller J
Total homocysteine measurement in clinical practice, **627** (RA)
Ratnaike S *see* Jenkins MA
Read GF, Williams PE
Evaluation of assays of serum IgG subclasses and IgG antigen-specific antibodies in the investigation of recurrent infection, **326** (OA)
Rebelo MJF, Almeida SCP
Hypertonic *versus* isotonic salt bridges and the measurement of ionized calcium, **77** (SR)
Reffitt DM, Burden TJ, Seed PT, Wood J, Thompson RPH, Powell JJ
Assessment of iron absorption from ferric trimaltol, **457** (OA)
Remaley AT *see* Sampson ML
Richardson T
Pitfalls in forensic toxicology, **20** (PV)
Roberts NB
see also Wiener K
Roberts NS, Bone JM
Urinary catecholamine excretion in relation to renal function – author's reply, **228** (L)
Robinson P *see* Hall SK
Robinson PA *see* Gallagher AC
Robinson PH *see* Galloway PJ
Rodríguez-Espinosa J, Urgell E, Montesinos J, Domingo P, Webb SM
Transient pituitary hypothyroidism in a patient with ectopic adrenocorticotrophic hormone secretion, **298** (OA)
Rose R *see* Love ER
Rossi GP, Seccia TM, Albertin G, Pessina AC
Measurement of endothelin: clinical and research use, **608** (RA)
Rowlands D *see* Keevil B
Rowley MJ *see* Jois
Rumley A
Urine dipstick testing: comparison of results obtained by visual reading and with the Bayer CLINITEK 50, **220** (SR)
Russell D *see* Davies JS

Saheki S *see* Shishino K
Saika Y *see* Orisaka M
Sakyurabayashi I *see* Orisaka M
Sampson B
Trace elements and inflammation, **809** (L)

Sampson ML, Csako G, Remaley AT
Dual HDL/total cholesterol test: a single-tube, homogeneous assay for sequential measurement of HDL cholesterol and total cholesterol, **479** (OA)
Sattar N *see also* Galloway P
Sattar N, McMillan D, Galloway P
Trace elements and inflammation, authors' reply, **809** (L), **812** (L)
Scanlon MF *see* Davies JS
Scheltens P *see* Mulder C
Schneider S *see* Beck O
Scholten R *see* Baadenhuijsen H
Schutgens RBH *see* Mulder C
Seccia TM *see* Rossi GP
Seed PT *see* Reffitt DM
Selby C *see* Kennedy DM
Seth J *see* Walker KS
Shamim W, Yousufuddin M, Bakhai A, Coats AJ, Honour JW
Gender differences in the urinary excretion rates of cortisol and androgen metabolites, **770** (OA)
Sheehan T *see* Delves HT
Sherwood RA *see* Harris BM
Shimizu M *see* Todoroki T
Shimoyama R, Ohkubo T, Sugawara K
Monitoring of carbamazepine and carbamazepine 10,11-epoxide in breast milk and plasma by high-performance liquid chromatography, **210** (OA)
Shing MMK *see* Chan MHM
Shishino K, Murase M, Makino H, Saheki S
Glycated apolipoprotein A-I assay by combination of affinity chromatography and latex immuno-agglutination, **498** (OA)
Sinnige D *see* Gerritsma J
Sittrop B *see* Gerritsma J
Smith BL *see* Beck O
Smith J *see* Davies JS; McConway MG
Smye M *see* Johnston SD
Sonnenberg AA *see* Vlasveld L Th
Southgate HJ, Penney MD
Severe recurrent renal salt wasting in a boy with a mitochondrial oxidative phosphorylation defect, **805** (CR)
Stansbie D *see* Bowron A
Starkey B *see* Ferns GAA
Stone JE *see* Bowron A
Sugawara K *see* Shimoyama R
Swinkels DW
see also Jakobs BS
Swinkels DW, Hendriks JCM, Nauta J, de Jong MCJW
Glomerular filtration rate by single-injection inulin clearance: definition of a workable protocol for children, **60** (OA)

Takahashi S *see* Yamakita J
Tashiro Y *see* Todoroki T
Taylor A *see* Delves HT
Tetlow L *see* Hayden K
Tezuka S *see* Inano K
Thakur M *see* Kuchhal NK
Theodoraki TG, Tsoukatos DC, Karabina S-A, Rallidis LS, Papageorgakis NH, Tselepsis AD
LDL subfractions in patients with myocardial infarction: effect of smoking and β-blocker-treatment, **313** (OA)
Thomas A, Middle J, John G, Marshall SM, Barth JH
Standardization of HbA_{1c} measurements: a consensus statement, **550** (L)
Thomas MR *see* Harris BM
Thompson RPH *see* Reffitt DM
Thurlow V
External quality assurance – a personal view, **229** (L)
Todoroki T, Matsumoto K, Watanabe K, Tashiro Y, Shimizu M, Okuyama T, Imai K
Accumulated lipids, aberrant fatty acid composition and defective cholesterol ester hydrolase activity in cholesterol ester storage disease, **187** (OA)
Tomson T *see* Berry D
Tonoike H *see* Nishimura N
Trimble ER *see* Johnston SD
Tsang LLW *see* Ko GTC
Tselepsis AD *see* Theodoraki TG
Tsoukatos DC *see* Theodoraki TG
Tsutsumi Z *see* Yamakita J
Tull SP *see* Ferns GAA
Twomey P
New antiepileptic drugs, author's reply, **553** (L)

Unsworth DJ *see* Lock RJ
Urgell E *see* Rodríguez-Espinosa J

Vadgama P *see* Pearson JE
Vallance D, Labib M
Thyroid function tests in acutely ill patients, **734** (L)
van Kamp GJ *see* Mulder C
Verma PK *see* Ferns GAA
Visser JJ *see* Mulder C
Vivekanandan S
Cardiac marker testing, **733** (L)
Vlasveld L Th, Ermens AAM, Sonnenberg AA, Pauwels P
Elevated serum CA-125 concentrations due to expression by a diffuse large B-cell lymphoma, **545** (CR)
Volmer M *see* Jakobs BS
von Arb M *see* Paiker JE
Voorbij HAM *see* Jakobs BS

Walker KS, Seth J
Stability of parathyroid hormone in blood from renal patients on haemodialysis, **800** (SR)
Wallace AM
Measurement of leptin and leptin binding in the human circulation, **244** (PV)
Wallace AM *see also* McConway MG
Waller H *see* Warwick GL
Walsh JP, Dayan CM
Role of biochemical assessment in management of corticosteroid withdrawal, **279** (RA)
Warwick GL, Waller H, Ferns GAA
Antioxidant vitamin concentrations and LDL oxidation in nephrotic syndrome, **488** (OA)
Watanabe K *see* Todoroki T
Watson RGP *see* Johnston SD
Webb AK *see* Keevil B

Webb SM *see* Rodríguez-Espinosa J
Webster HL, Quirante CG
Micro-flowcell conductometric sweat analysis for cystic fibrosis diagnosis, **399** (OA)
Wennig R *see* Beck O
Weykamp CW *see* Baadenhuijsen H
White M *see* Delves HT
Whittaker P *see* Iqbal SJ
Widdop B *see* Delves HT
Wiener K, Roberts NB
Glycation rates in type 1 diabetes mellitus, **93** (L)
Wieringa G
Lipoprotein(a): what's in a measure?, **571** (PV)
Wilkinson L *see* Cope G
Willems HL *see* Baadenhuijsen H
Williams JC *see* Ferns GAA
Williams KL, Nix BAJ, Dunstan FDJ
Effect of screening algorithm, parameter values and median smoothing on patient-specific risk estimates for Down's syndrome screening, **165** (OA)
Williams PE *see* Read GF
Wolthers BG *see* Jakobs BS
Wood FL, Earl JW, Nath C, Coakley JC
Falsely low vancomycin results using the Abbott TDx, **411** (SR)
Wood J *see* Reffitt DM
Wu MY *see* Chen YN
Wu YZ *see* Chen YN

Yamaguchi Y *see* Kimura S
Yamakita J, Yamamoto T, Moriwaki Y, Takahashi S, Tsutsumi Z, Hada T
Effect of urine storage on urinary uric acid concentrations, **355** (OA)
Yamamoto T *see* Yamakita J
Yanagihara T *see* Kimura S
Yang S-E, Min W-K, Park H, Chun S, Nah J, Kim JQ
Distribution of haptoglobin phenotypes in a Korean population, using the semi-automated Phast-System, **205** (OA)
Young RJ
The clinical need for HbA_{1c} standardization, **47** (PV)
Yousufuddin M *see* Shamim

Zeng LJ *see* Chen YN

Subject index to Volume 37, 2000

Key: (RA) = Review Article; (OA) = Original Article; (SR) = Short Report; (CR) = Case Report; (PV) = Personal View; (L) = Letter

Abbott AxSYM™ plasma folate assay
Non-fasting reference intervals for the Abbott IMx™ homocysteine and AxSYM™ plasma folate assays: influence of the methylenetetrahydrofolate reductase 677 C→T mutation on homocysteine, **390** (OA)

Abbott AxSYM™ vancomycin test
Falsely low vancomycin results using the Abbott TDx, **411** (SR)

Abbott IMx homocysteine assay
Evaluation of the Abbott IMx™ fluorescence polarization immunoassay and the Bio-Rad enzyme immunoassay for homocysteine: comparison with high-performance liquid chromatography, **194** (OA)
Non-fasting reference intervals for the Abbott IMx™ homocysteine and AxSYM™ plasma folate assays: influence of the methylenetetrahydrofolate reductase 677 C→T mutation on homocysteine, **390** (OA)

Abbott TDx fluorescence polarization assay
Falsely low vancomycin results using the Abbott TDx, **411** (SR)

Accreditation
Accreditation and point-of-care testing, **241** (C)

Ageing
Hyperproinsulinaemia in elderly subjects: evidence for age-related pancreatic β-cell dysfunction, **367** (OA)

Aldosterone
Aldosterone and renin measurements, **262** (RA)

Algorithms
Lies, damned lies and algorithms, **741** (PV)

α-fetoprotein
α-fetoprotein variants in a case of pancreatoblastoma, **681** (OA)

Alzheimer's disease markers
Genetic and biochemical markers for Alzheimer's disease: recent developments, **593** (RA)

Aminoglycoside toxicity
Aminoglycoside-induced metabolic abnormalities, **543** (CR)

Amphetamine testing
Frontline® immunochromatographic device for on-site urine testing of amphetamines: laboratory validation using authentic specimens, **199** (OA)

Androgen metabolites urinary excretion
Gender differences in the urinary excretion rates of cortisol and androgen metabolites, **770** (OA)

Angioplasty
Effect of vitamin E supplementation on circulating cell adhesion molecules pre- and post-coronary angioplasty, **649** (OA)

Angiotensin
Aldosterone and renin measurements, **262** (RA)

Anti-SS-A antibodies screening
Screening for autoantibodies to SS-A/Ro by indirect immunofluorescence using HEp-2000™ cells, **216** (OA)

Aortic endothelial cells
Localization of oxidized HDL in atheromatous plaques and oxidized HDL binding sites on human aortic endothelial cells, **179** (OA)

Apo(a) isoforms
Apo(a) isoforms do not predict risk for coronary heart disease in a Gulf Arab population, **360** (OA)

Apolipoprotein(a) phenotypes
Reference values of plasma lipoprotein(a) in newly classified apolipoprotein(a) phenotype groups in the Japanese population, **701** (OA)

Atherosclerosis
Localization of oxidized HDL in atheromatous plaques and oxidized HDL binding sites on human aortic endothelial cells, **179** (OA)

Bayer CLINITEK 50
Urine dipstick testing: comparison of results obtained by visual reading and with the Bayer CLINITEK 50, **220** (SR)

Bayer Glucometer Encore QA blood glucose meter
Evaluation of the Boehringer Advantage and the Bayer Glucometer Encore QA + blood glucose meters in a neonatal unit, **797** (SR)

B-cell lymphoma
Elevated serum CA-125 concentrations due to expression by a diffuse large B-cell lymphoma, **545** (CR)

Bence-Jones protein
Detection of Bence-Jones protein in practice, **563** (PV)

Beta-blocker treatment
LDL subfractions in patients with myocardial infarction: effect of smoking and β-blocker-treatment, **313** (OA)

Bilirubin
Effects of bilirubin and its photoisomers on direct bilirubin measurement using bilirubin oxidase, **452** (OA)

Bilirubin interference
Bilirubin interference with a salicylate assay performed on an Olympus analyser, **408** (SR)

Biochemical report forms
Provision of interpretative comments on biochemical report forms, **758** (PV)

Bio-Rad enzyme immunoassay
Evaluation of the Abbott IMxTM fluorescence polarization immunoassay and the Bio-Rad enzyme immunoassay for homocysteine: comparison

with high-performance liquid chromatography, **194** (OA)

Biosensors
Analytical aspects of biosensors, **119** (RA)

Boehringer Advantage glucose meter
Evaluation of the Boehringer Advantage and the Bayer Glucometer Encore QA + blood glucose meters in a neonatal unit, **797** (SR)

Book reviews
Baker FJ, Silverton RE, Pallister CJ: Baker & Silverton's Introduction to Medical Laboratory Technology, 7th edn, 1998, **232**
Basel S, Karger AG: Frontiers of Hormone Research, Vol. 24: The Endocrine Response to Acute Illness, 1999, **814**
Basic Chemistry for the Biological Sciences: A Self-Directed Study Aid, 1997, **235**
Burtis CA, Ashwood ER *editors:* Tietz textbook of clinical chemistry, 3rd edn, 1999, **556**
Crook M: Algorithms in Chemical Pathology, 1997, **231**
Davies DM, Ferner RE, de Glanville H, *editors:* Davies's Textbook of Adverse Drug Reactions, 5th edn, 1998, **814**
Frayn KN: Metabolic Regulations: A Human Perspective, 1996, **231**
Gillham B, Papachristodoulou DK, Thomas JH: Wills' Biochemical Basis of Medicine, 3rd edn, 1997, **233**
Greenstein B, Greenstein A: Medical Biochemistry at a Glance, **235**
Jenkins RC, Ross RJM. Basel S, Karger AG, *editors:* Frontiers of Hormone Research, Vol 24: the Endocrine Response to Acute Illness, 1999, **814**
Knight JA: Free Radicals, Antioxidants, Aging & Disease, 1999, **813**
Levine B, *editor:* Principles of Forensic Toxicology, 1999, **813**
Maber J: Data Analysis for Biomolecular Sciences, 1999, **816**
Mangiapane EH, Salter AM: Diet, Lipoproteins and Coronary Heart Disease: a Biochemical Perspective, 1999, **737**
Overfield J, Dawson M, Hamer D *editors:* Biomedical Sciences Explained: Transfusion Science, 1999, **737**
Palfrey SM *editor:* Methods in molecular medicine: clinical applications of capillary electrophoresis, 1999, **557**
Pallister CJ: Biomedical Sciences Explained: Haematology, 1999, **816**
Price CP, Hicks JM *editors:* Point-of-care Testing, 1999, **556**
Soldin SJ, Brugnara C, Hicks JM, *editors:* Pediatric Reference Ranges, 3rd edn, 1999, **815**
Turk C, Kirkman J: Effective Writing: Improving Scientific, Technical and Business Communication, 2nd edn, 1989, **234**
Williams D, Marks V *editors:* Scientific Foundations of Biochemistry in Clinical Practice, 2nd edn, 1995, **233**

Breast cysts
Radioimmunoassay for the measurement of thrombospondin in plasma and breast cyst fluid: validation and clinical application, **319** (OA)

CA-125 antigen
Elevated serum CA-125 concentrations due to expression by a diffuse large B-cell lymphoma, **545** (CR)

Capillary electrophoresis
Capillary isotachophoretic analysis of serum lipoproteins using a carrier ampholyte as spacer ion, **708** (OA)

Capillary zone electrophoresis
Quantitative and qualitative analysis of haemoglobin variants using capillary zone electrophoresis, **380** (OA)

Carbamazepine monitoring
Monitoring of carbamazepine and carbamazepine 10,11-epoxide in breast milk and plasma by high-performance liquid chromatography, **210** (OA)

Carbon dioxide tension
Thermodynamic considerations of arteriovenous gradients of hydrogen ion concentration and carbon dioxide tension, **114** (PV)

Cardiac markers
Cardiac markers into the new millennium, **109** (C)
Cardiac marker testing, **733** (L)

Cardiac troponin I
Cardiac troponin I: a marker for post-burn cardiac injury, **447** (OA)

Cardiac troponin T and I comparison
Comparison of cardiac troponin T and I and CK-MB for the detection of minor myocardial damage during interventional cardiac procedures, **764** (OA)

Cardiology
Occurrence of hyperhomocysteinaemia in cardiovascular, haematology and nephrology patients: contribution of folate deficiency, **304** (OA)

Catecholamine
Urinary catecholamine excretion in relation to renal function – author's reply, **228** (L)

China
Hyperfibrinogenaemia did not improve after treating hyperglycaemia in Chinese type 2 diabetic patients, **655** (OA)

Cholesterol
Dual HDL/total cholesterol test: a single-tube, homogeneous assay for sequential measurement of HDL cholesterol and total cholesterol, **479** (OA)

Cholesterol ester storage disease (CESD)
Accumulated lipids, aberrant fatty acid composition and defective cholesterol ester hydrolase activity in cholesterol ester storage disease, **187** (OA)

Chylous ascites
Traumatic chylous ascites, **90** (CR)

Cider potomania
Cider potomania, **729** (CR)

Circulating cell adhesion molecules
Effect of vitamin E supplementation on circulating cell adhesion molecules pre- and post-coronary angioplasty, **649** (OA)

Clinical chemistry results calibration
A model for harmonization of routine clinical chemistry results between clinical laboratories, **330** (OA)
Clinical governance
Clinical governance, **9** (PV)
Coeliac disease
Cost-effective strategy for the serological investigation of coeliac disease, **467** (OA)
Lactulose–mannitol intestinal permeability test: a useful screening test for adult coeliac disease, **512** (OA)
Continuing Professional Development
Clinical governance, **9** (PV)
Coronary artery disease
Auto-antibodies against oxidized LDL as a marker of coronary artery disease in patients with familial hypercholesterolaemia, **174** (OA)
Coronary heart disease
Apo(a) isoforms do not predict risk for coronary heart disease in a Gulf Arab population, **360** (OA)
Corticosteroid withdrawal management
Role of biochemical assessment in management of corticosteroid withdrawal, **279** (RA)
Cortisol chemiluminescent immunoassay
Measurement of urinary free cortisol using the ACS:180 serum cortisol chemiluminescent immunoassay, **520** (OA)
Cortisol urinary excretion
Gender differences in the urinary excretion rates of cortisol and androgen metabolites, **770** (OA)
Creatine kinase MB isoenzyme (CK-MB)
Comparison of cardiac troponin T and I and CK-MB for the detection of minor myocardial damage during interventional cardiac procedures, **764** (OA)
Creatinine
Adult reference ranges for serum cystatin C, creatinine and predicted creatinine clearance, **49** (OA)
Creatinine clearance and glomeruloar filtration rate, **98** (C)
Cushing's syndrome
Diagnostic dilemmas in Cushing's syndrome, **85** (CR), **553** (L), **554** (L)
Cystic fibrosis
Asessment of iron status in cystic fibrosis patients, **662** (OA)
Micro-flowcell conductometric sweat analysis for cystic fibrosis diagnosis, **399** (OA)

Deuterium recycling
Recycling of deuterium from dideuterated glucose during moderate exercise, **540** (SR)
Diabetes mellitus
Glycation rates in type 1 diabetes mellitus, **93** (L)
New diagnostic criteria for diabetes mellitus: are we any further forward?, **588** (PV)
Diabetic fibrinogen concentrations
Hyperfibrinogenaemia did not improve after treating hyperglycaemia in Chinese type 2 diabetic patients, **655** (OA)
Down's syndrome
Effect of screening algorithm, parameter values and median smoothing on patient-specific risk estimates for Down's syndrome on screening, **165** (OA)
Serum expression of sialytransferase in normal and Down's syndrome-affected pregnancy, **507** (OA)
Drugs of abuse screening
Analysis of urine for drugs of abuse using mixed-mode solid-phase extraction and gas chromatography-mass spectrometry, **690** (OA)
Dyslipidaemia, Type III
Ratio of remnant-like particle cholesterol to serum total triglycerides is a reliable screening test for type III dyslipidaemia, **790** (SR)

Ectopic adrenocorticotrophic hormone secretion
Transient pituitary hypothyroidism in a patient with ectopic adrenocorticotrophic hormone secretion, **298** (OA)
Endothelin measurement
Measurement of endothelin: clinical and research use, **608** (RA)
Enzymatic mitochondrial antibody assay
Enzyme inhibitory antibody to pyruvate dehydrogenase: diagnostic utility in primary biliary cirrhosis, **67** (OA)
Epilepsy
New antiepileptic drugs, **551** (L), **553** (L)
Simple high-performance liquid chromatographic method to monitor vigabatrin, and preliminary review of concentrations determined in epileptic patients, **338** (OA)
External Quality Assurance (EQA)
Clinical governance, **9** (PV)
External quality assurance – a personal view, **229** (L)
External Quality Assurance Scheme (EQAS)
Provision of interpretative comments on biochemical report forms, **758** (PV)

Factitious hypercalcaemia
A case of factitious hypercalcaemia, **92** (L)
Faecal fat
New method for faecal fat determination by mid-infrared spectroscopy, using a transmission cell: an improvement in standardization, **343** (OA)
Ferric trimaltol
Assessment of iron absorption from ferric trimaltol, **457** (OA)
5-hydroxyindoleacetic acid measurement
Measurement of plasma 5-hydroxyindoleacetic acid in carcinoid disease: an alternative to 24-h urine collections?, **724** (SR)
Folate deficiency
Occurrence of hyperhomocysteinaemia in cardiovascular, haematology and nephrology patients: contribution of folate deficiency, **304** (OA)
Forensic toxicology
Pitfalls in forensic toxicology, **20** (PV)
Frontline® immunochromatographic test
Frontline® immunochromatographic device for on-site urine testing of amphetamines: laboratory validation using authentic specimens, **199** (OA)

Gender differences in steroid metabolism
Gender differences in the urinary excretion rates of cortisol and androgen metabolites, **770** (OA)
Glomerular filtration rate
Creatinine clearance and glomerular filtration rate, **98** (C)
Glomerular filtration rate by single-injection inulin clearance: definition of a workable protocol for children, **60** (OA)
Glucose meter hypoglycaemia
'Glucose meter hypoglycaemia': often a non-disease, **731** (CR)
Glycated apolipoprotein A-I
Glycated apolipoprotein A-I assay by combination of affinity chromatography and latex immunoagglutination, **498** (OA)
Glycated haemoglobin
Measurement of glycated haemoglobin in whole blood by a novel fluorescence quenching assay, **492** (OA)
Glycation rates
Glycation rates in type 1 diabetes mellitus, **93** (L)

Haematology
Occurrence of hyperhomocysteinaemia in cardiovascular, haematology and nephrology patients: contribution of folate deficiency, **304** (OA)
Haemodialysis
Stability of parathyroid hormone in blood from renal patients on haemodialysis, **800** (SR)
Haemoglobin A_{1c} (HbA_{1c})
The clinical need for HbA_{1c} standardization, **47** (PV)
Standardization of HbA_{1c} measurements: a consensus statement, **45** (PV), **549** (L), **550** (L)
Haemoglobin variants
Quantitative and qualitative analysis of haemoglobin variants using capillary zone electrophoresis, **380** (OA)
Haemorrhagic fever (VHF)
Effects of heating plasma at 56°C for 30 min and at 60°C for 60 min on routine biochemistry analytes, **802** (SR)
Haptoglobin
Distribution of haptoglobin phenotypes in a Korean population, using the semi-automated Phast-System, **205** (OA)
Henoch–Schönlein purpura
A patient with juvenile chronic arthritis and Henoch–Schönlein purpura, **224** (CR)
High-density lipoprotein
Dual HDL/total cholesterol test: a single-tube, homogeneous assay for sequential measurement of HDL cholesterol and total cholesterol, **479** (OA)
High-performance liquid chromatography
Evaluation of the Abbott IMx™ fluorescence polarization immunoassay and the Bio-Rad enzyme immunoassay for homocysteine: comparison with high-performance liquid chromatography, **194** (OA)
Monitoring of carbamazepine and carbamazepine 10,11-epoxide in breast milk and plasma by high-performance liquid chromatography, **210** (OA)
Simple high-performance liquid chromatographic method to monitor vigabatrin, and preliminary review of concentrations determined in epileptic patients, **338** (OA)
Homocysteine
Evaluation of the Abbott IMx™ fluorescence polarization immunoassay and the Bio-Rad enzyme immunoassay for homocysteine: comparison with high-performance liquid chromatography, **194** (OA)
Non-fasting reference intervals for the Abbott IMx™ homocysteine and AxSYM™ plasma folate assays: influence of the methylenetetrahydrofolate reductase 677 C→T mutation on homocysteine, **390** (OA)
Total homocysteine measurement in clinical practice, **627** (RA)
Hydrogen ion concentrations
Thermodynamic considerations of arteriovenous gradients of hydrogen ion concentration and carbon dioxide tension, **114** (PV)
Hyperammonaemia
Severe hyperammonaemia in a previously healthy teenager, **727** (CR)
Hypercalcaemia
A case of factitious hypercalcaemia, **92** (L)
Hypercholesterolaemia
Auto-antibodies against oxidized LDL as a marker of coronary artery disease in patients with familial hypercholesterolaemia, **174** (OA)
Hyperfibrinogenaemia
Hyperfibrinogenaemia did not improve after treating hyperglycaemia in Chinese type 2 diabetic patients, **655** (OA)
Hyperhomocysteinaemia
Occurrence of hyperhomocysteinaemia in cardiovascular, haematology and nephrology patients: contribution of folate deficiency, **304** (OA)
Hyperproinsulinaemia
Hyperproinsulinaemia in elderly subjects: evidence for age-related pancreatic β-cell dysfunction, **367** (OA)
Hypertonic salt bridges
Hypertonic versus isotonic salt bridges and the measurement of ionized calcium, **77** (SR)
Hypoglycaemia
'Glucose meter hypoglycaemia': often a non-disease, **731** (CR)
Hypophosphatasia
Alkaline phosphatase isoenzymes and clinical features in hypophosphatasia, **775** (OA)

IgG antigen-specific antibodies
Evaluation of assays of serum IgG subclasses and IgG antigen-specific antibodies in the investigation of recurrent infection, **326** (OA)
Immune complexes
Measurement of immune complexes is not useful in routine clinical practice, **253** (RA)
Immunochromatography
Frontline® immunochromatographic device for on-site urine testing of amphetamines: laboratory validation using authentic specimens, **199** (OA)

Immunodeficiency
Evaluation of assays of serum IgG subclasses and IgG antigen-specific antibodies in the investigation of recurrent infection, **326** (OA)
Inflammatory responses
Effect of the inflammatory response on trace element and vitamin status, **289** (RA)
Inhibin
Does measurement of inhibin have a clinical role?, **419** (RA)
Inulin clearance
Glomerular filtration rate by single-injection clearance: definition of a workable protocol for children, **60** (OA)
Iohexol capillary electrophoresis assay
Measurement of iohexol by capillary electrophoresis: minimizing practical problems encountered, **529** (OA)
Ionized calcium
Hypertonic versus isotonic salt bridges and the measurement of ionized calcium, **77** (SR)
Iron deficiency anaemia
Assessment of iron absorption from ferric trimaltol, **457** (OA)
Isotonic salt bridges
Hypertonic versus isotonic salt bridges and the measurement of ionized calcium, **77** (SR)

Japan
Reference values of plasma lipoprotein(a) in newly classified apolipoprotein(a) phenotype groups in the Japanese population, **701** (OA)
Journal watch, **100**, **238**, **414**, **559**, **739**, **818**
Juvenile chronic arthritis
A patient with juvenile chronic arthritis and Henoch–Schönlein purpura, **224** (CR)

Korea
Distribution of haptoglobin phenotypes in a Korean population, using the semi-automated Phast-System, **205** (OA)
Kuwait
Apo(a) isoforms do not predict risk for coronary heart disease in a Gulf Arab population, **360** (OA)

Lactulose–mannitol test
Lactulose–mannitol intestinal permeability test: a useful screening test for adult coeliac disease, **512** (OA)
Laxative abuse
Screening for surreptitious laxative abuse, **1** (PV)
Leptin
Differences in circulating concentrations of total, free and bound leptin relate to gender and body composition in adult humans, **717** (OA)
Measurement of leptin and leptin binding in the human circulation, **244** (PV)
Lipoprotein(a)
Lipoprotein(a): what's in a measure?, **571** (PV)
Reference values of plasma lipoprotein(a) in newly classified apolipoprotein(a) phenotype groups in the Japanese population, **701** (OA)
Lipoprotein in serum
Capillary isotachophoretic analysis of serum lipoproteins using a carrier ampholyte as spacer ion, **708** (OA)
Low-density lipoprotein (LDL)
Antioxidant vitamin concentrations and LDL oxidation in nephrotic syndrome, **488** (OA)
Detection of LDL receptor by ligand blotting with chylomicron remnants labelled with colloidal gold, **471** (OA)
LDL subfractions in patients with myocardial infarction: effect of smoking and β-blocker-treatment, **313** (OA)
Plasma apolipoprotein(b) to LDL cholesterol ratio as a marker of small, dense LDL, **537** (SR)

Magnesium in serum
Enzymatic assay for magnesium in serum, **82** (SR)
Methadone metabolites
Application and validation of a urinary methadone metabolite (EDDP) immunoassay to monitor methadone compliance, **350** (OA)
Micro-flowcell conductometric sweat analysis
Micro-flowcell conductometric sweat analysis for cystic fibrosis diagnosis, **399** (OA)
Mid-infrared spectroscopy
New method for faecal fat determination by mid-infrared spectroscopy, using a transmission cell: an improvement in standardization, **343** (OA)
Mitochondrial oxidative phosphorylation defect
Severe recurrent renal salt wasting in a boy with a mitochondrial oxidative phosphorylation defect, **805** (CR)
Munchausen syndrome by proxy
Screening for surreptitious laxative abuse, **1** (PV)
Myocardial cell injury detection
Comparison of cardiac troponin T and I and CK-MB for the detection of minor myocardial damage during interventional cardiac procedures, **764** (OA)
Myocardial infarction
LDL subfractions in patients with myocardial infarction: effect of smoking and β-blocker-treatment, **313** (OA)

Neonatal blood glucose testing
Evaluation of the Boehringer Advantage and the Bayer Glucometer Encore QA + blood glucose meters in a neonatal unit, **797** (SR)
Neonatal congenital hypothyroidism screening
Automated neonatal blood spot assay using positive sample identification: evaluation and experience in routine use, **792** (SR)
Nephrology
Occurrence of hyperhomocysteinaemia in cardiovascular, haematology and nephrology patients: contribution of folate deficiency, **304** (OA)
Nephrotic syndrome
Antioxidant vitamin concentrations and LDL oxidation in nephrotic syndrome, **488** (OA)
NHS laboratories
NHS laboratories can provide a service to the pharmaceutical industry: a personal view, **751** (PV)

Nicotine testing
Near-patient test for nicotine and its metabolites in saliva to assess smoking habit, **666** (OA)
Nitroblue tetrazolium reduction
A reliable non-separation fluorescence quenching assay for total glycated serum protein: a simple alternative to nitroblue tetrazolium reduction, **372** (OA)
Non-thyroidal illness symptom (NTIS)
Transient pituitary hypothyroidism in a patient with ectopic adrenocorticotrophic hormone secretion, **298** (OA)

Olympus analyser
Bilirubin interference with a salicylate assay performed on an Olympus analyser, **408** (SR)
Osteocalcin
Measurement of osteocalcin, **432** (RA)
Oxalate oxidase
Quantification of urinary oxalate with a chloride- and nitrate-insensitive oxalate oxidase, **74** (SR)
Oxidized high-density lipoprotein (HDL)
Localization of oxidized HDL in atheromatous plaques and oxidized HDL binding sites on human aortic endothelial cells, **179** (OA)
Oxidized low-density lipoprotein (ox-LDL) auto-antibodies
Auto-antibodies against oxidized LDL as a marker of coronary artery disease in patients with familial hypercholesterolaemia, **174** (OA)

Pancreatic β-cell function
Hyperproinsulinaemia in elderly subjects: evidence for age-related pancreatic β-cell dysfunction, **367** (OA)
Pancreatoblastoma
α-fetoprotein variants in a case of pancreatoblastoma, **681** (OA)
Paracetamol unit measurement
Principles, practice and paracetamol: when units matter, **16** (PV)
Parathyroid hormone measurement
Stability of parathyroid hormone in blood from renal patients on haemodialysis, **800** (SR)
Pharmaceutical industry
NHS laboratories can provide a service to the pharmaceutical industry: a personal view, **751** (PV)
PhastSystem
Distribution of haptoglobin phenotypes in a Korean population, using the semi-automated PhastSystem, **205** (OA)
Phenylketonuria (PKU)
Could salivary phenylalanine concentrations replace blood concentrations?, **222** (SR)
Pituitary hypothyroidism
Transient pituitary hypothyroidism in a patient with ectopic adrenocorticotrophic hormone secretion, **298** (OA)
Plasma apolipoprotein(b)
Plasma apolipoprotein(b) to LDL cholesterol ratio as a marker of small, dense LDL, **537** (SR)

Plasma folate assays
Non-fasting reference intervals for the Abbott IMx™ homocysteine and AxSYM™ plasma folate assays: influence of the methylenetetrahydrofolate reductase 677 C→T mutation on homocysteine, **390** (OA)
Plasma heating
Effects of heating plasma at 56°C for 30 min and at 60°C for 60 min on routine biochemistry analytes, **802** (SR)
Point-of-care testing
Accreditation and point-of-care testing, **241** (C)
Poison detection
Detection of poisoning by substances other than drugs: a neglected art, **146** (RA)
Polle syndrome
Screening for surreptitious laxative abuse, **1** (PV)
Polymerase chain reaction
Direct polymerase chain reaction from whole blood without DNA isolation, **674** (OA)
Post-burn cardiac injury
Cardiac troponin I: a marker for post-burn cardiac injury, **447** (OA)
Primary biliary cirrhosis
Enzyme inhibitory antibody to pyruvate dehydrogenase: diagnostic utility in primary biliary cirrhosis, **67** (OA)
Pyruvate dehydrogenase
Enzyme inhibitory antibody to pyruvate dehydrogenase: diagnostic utility in primary biliary cirrhosis, **67** (OA)

Radioimmunoassay
Differences in circulating concentrations of total, free and bound leptin relate to gender and body composition in adult humans, **717** (OA)
Radioimmunoassay for the measurement of thrombospondin in plasma and breast cyst fluid: validation and clinical application, **319** (OA)
Renal salt wasting
Severe recurrent renal salt wasting in a boy with a mitochondrial oxidative phosphorylation defect, **805** (CR)
Renal tubular phosphate reabsorption
Calculation of renal tubular reabsorption of phosphate: the algorithm performs better than the nomogram, **79** (SR)
Renin
Aldosterone and renin measurements, **262** (RA)
Rhabdomyolysis
Biochemical investigation of suspected rhabdomyolysis, **581** (PV)
Rhesus D (RhD) DNA typing
Molecular determination of RhD phenotype by DNA typing: clinical applications, **781** (OA)

Salicylate assays
Bilirubin interference with a salicylate assay performed on an Olympus analyser, **408** (SR)
Salivary phenylalanine concentrations
Could salivary phenylalanine concentrations replace blood concentrations?, **222** (SR)

Serum Cystatin C
Adult reference ranges for serum cystatin C, creatinine and predicted creatinine clearance, **49** (OA)
Serum IgG subclasses
Evaluation of assays of serum IgG subclasses and IgG antigen-specific antibodies in the investigation of recurrent infection, **326** (OA)
Sialytransferase
Serum expression of sialytransferase in normal and Down's syndrome-affected pregnancy, **507** (OA)
Smoking
LDL subfractions in patients with myocardial infarction: effect of smoking and β-blocker-treatment, **313** (OA)
Near-patient test for nicotine and its metabolites in saliva to assess smoking habit, **666** (OA)
Surreptitious laxative abuse
Screening for surreptitious laxative abuse, **1** (PV)

Thermodynamics
Thermodynamic considerations of arteriovenous gradients of hydrogen ion concentration and carbon dioxide tension, **114** (PV)
Thrombospondin
Radioimmunoassay for the measurement of thrombospondin in plasma and breast cyst fluid: validation and clinical application, **319** (OA)
Thyroid function tests
Thyroid function tests: often justified in the acutely ill, **158** (OA)
Thyroid function tests in acutely ill patients, **734** (L), **735** (L)
Tobacco smoke exposure quantification
Simple colorimetric test to quantify exposure to environmental tobacco smoke: occupational health study, **795** (SR)
Total glycated serum protein
A reliable non-separation fluorescence quenching assay for total glycated serum protein: a simple alternative to nitroblue tetrazolium reduction, **372** (OA)
Trace elements
Effect of the inflammatory response on trace element and vitamin status, **289** (RA)
Trace elements and inflammation, **809** (L), **811** (L)
Transmethylation
Moderately low vitamin B_{12} does not compromise transmethylation in adults on a free diet: implications for assessment of vitamin B_{12} status, **686** (OA)

Uric acid
Effect of urine storage on urinary uric acid concentrations, **355** (OA)
Urinary methadone metabolite (EDDP) immunoassay
Application and validation of a urinary methadone metabolite (EDDP) immunoassay to monitor methadone compliance, **350** (OA)
Urinary oxalate
Quantification of urinary oxalate with a chloride- and nitrate-insensitive oxalate oxidase, **74** (SR)
Urine storage
Effect of urine storage on urinary uric acid concentrations, **355** (OA)
Urine testing
Frontline® immunochromatographic device for on-site urine testing of amphetamines: laboratory validation using authentic specimens, **199** (OA)
Urine dipstick testing: comparison of results obtained by visual reading and with the Bayer CLINITEK 50, **220** (SR)

Vancomycin
Falsely low vancomycin results using the Abbott TDx, **411** (SR)
Vigabatrin
Simple high-performance liquid chromatographic method to monitor vigabatrin, and preliminary review of concentrations determined in epileptic patients, **338** (OA)
Vitamin B_{12} and transmethylation
Moderately low vitamin B_{12} does not compromise transmethylation in adults on a free diet: implications for assessment of vitamin B_{12} status, **686** (OA)
Vitamin E supplements
Effect of vitamin E supplementation on circulating cell adhesion molecules pre- and post-coronary angioplasty, **649** (OA)
Vitamins
Effect of the inflammatory response on trace element and vitamin status, **289** (RA)